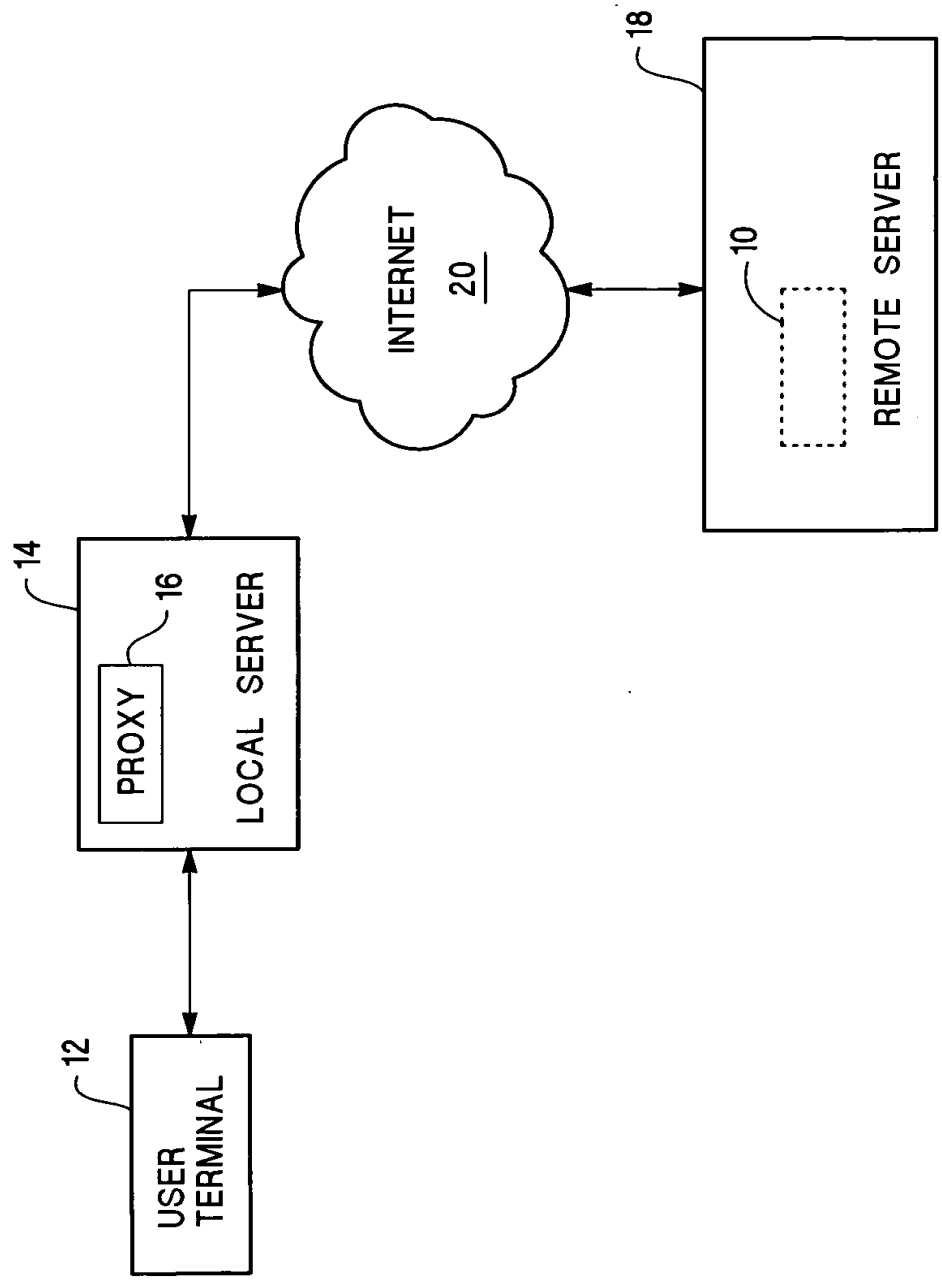

FIGURE 1 (PRIOR ART)

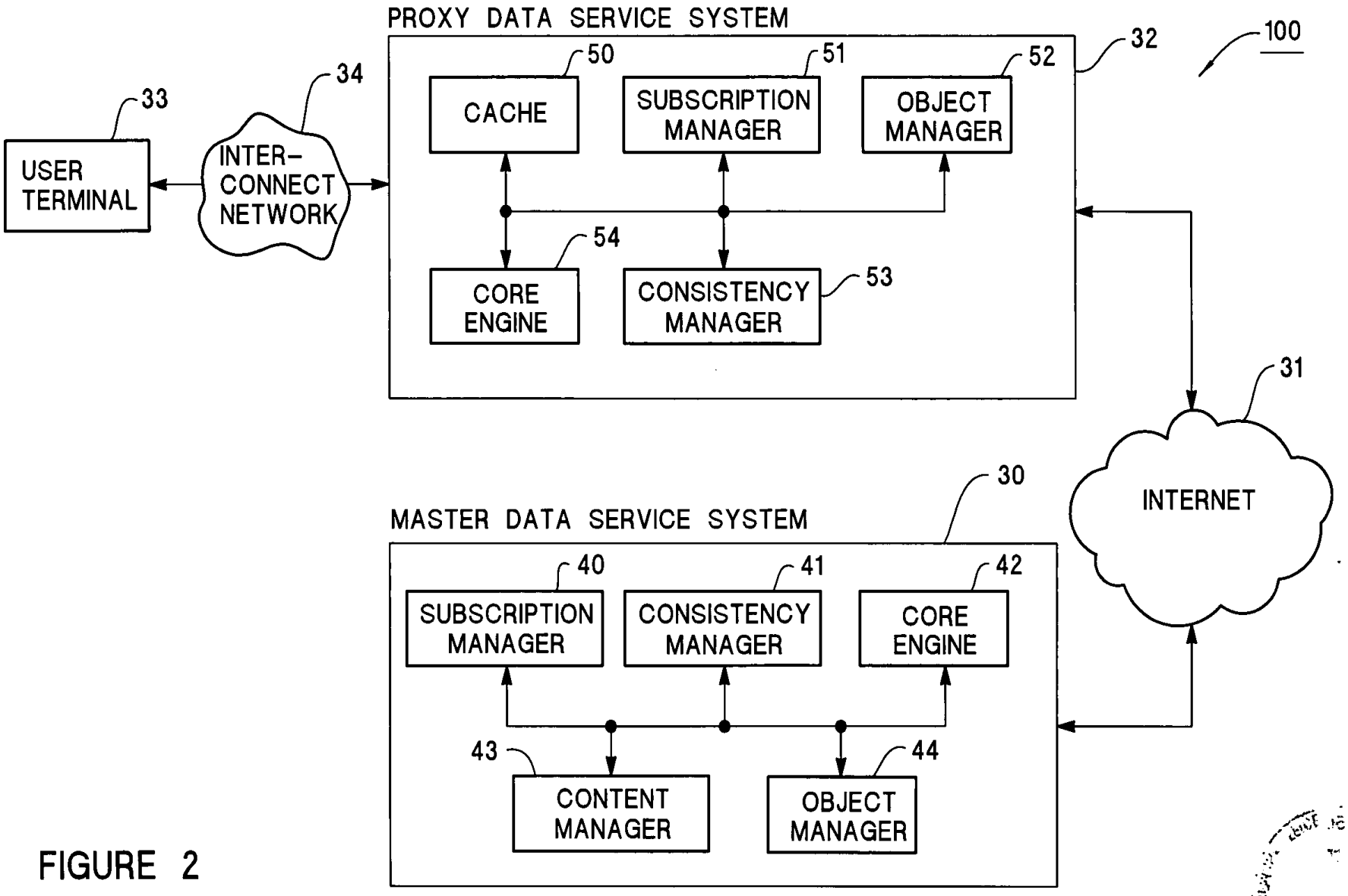
PROXY DATA SERVICE SYSTEM
100
32
50
51
52
CACHE
SUBSCRIPTION MANAGER
OBJECT MANAGER
33
34
USER TERMINAL
INTER-CONNECT NETWORK
54
53
CORE ENGINE
CONSISTENCY MANAGER
31
INTERNET
30
MASTER DATA SERVICE SYSTEM
40
41
42
SUBSCRIPTION MANAGER
CONSISTENCY MANAGER
CORE ENGINE
43
44
CONTENT MANAGER
OBJECT MANAGER

FIGURE 2

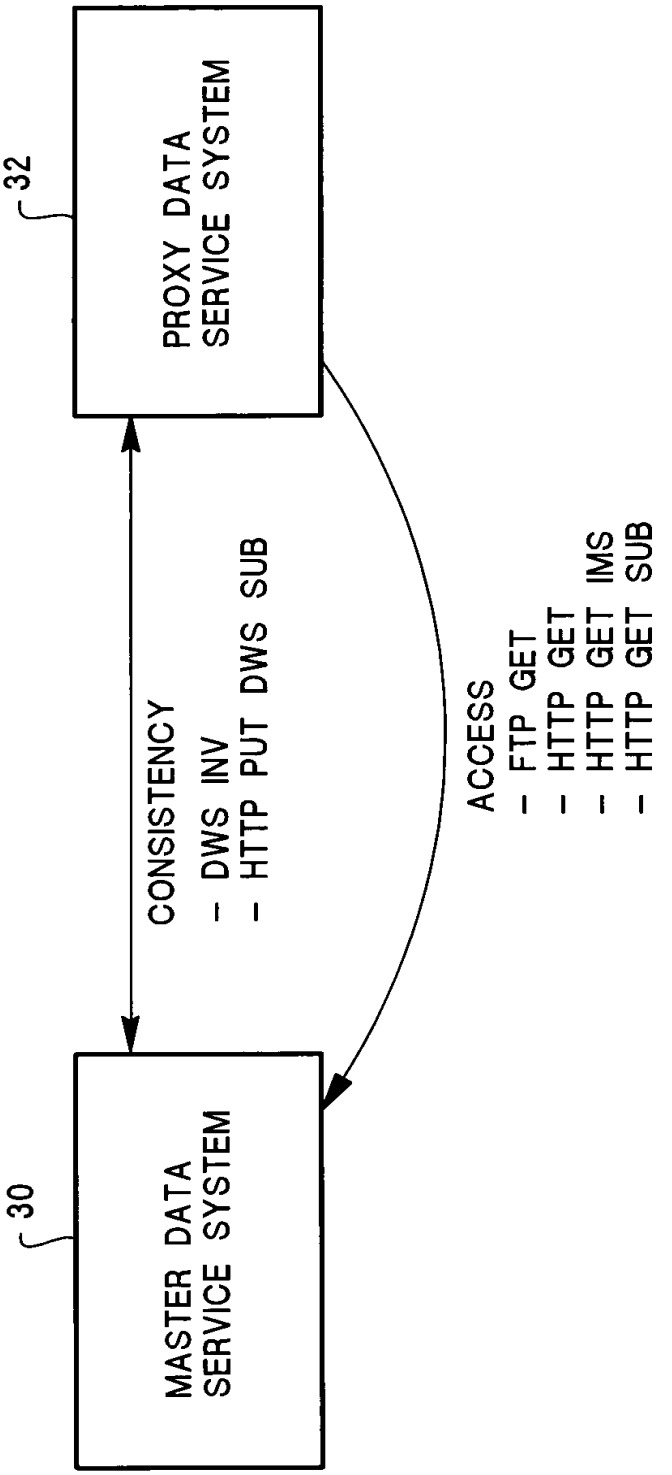
32
PROXY DATA SERVICE SYSTEM
CONSISTENCY
– DWS INV
– HTTP PUT DWS SUB
ACCESS
– FTP GET
– HTTP GET
– HTTP GET IMS
– HTTP GET SUB
30
MASTER DATA SERVICE SYSTEM

FIGURE 3

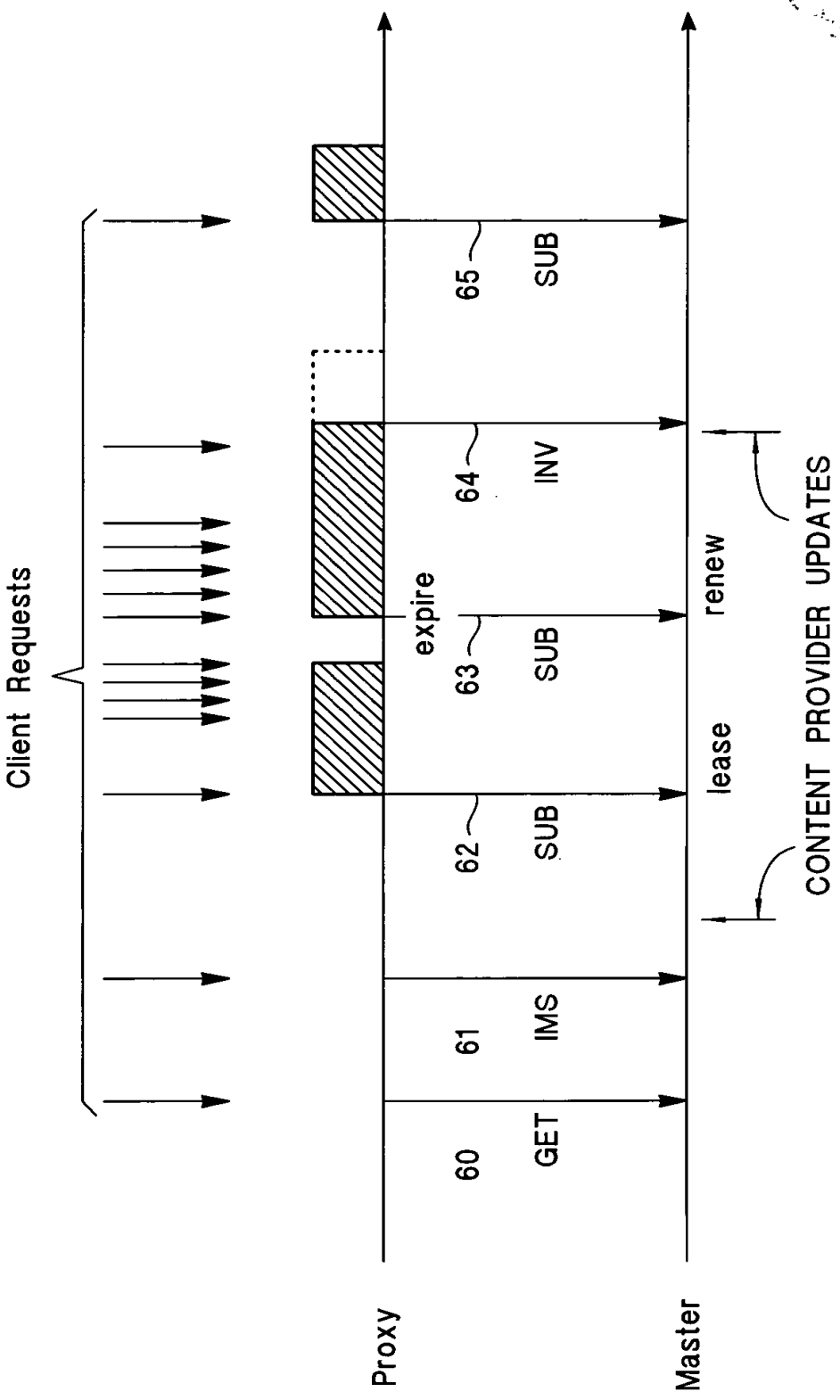
Client Requests
Proxy
Master
60
GET
61
IMS
62
SUB
lease
63
SUB
expire
64
INV
renew
65
SUB
CONTENT PROVIDER UPDATES

FIGURE 4